

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	hallensal and fixed near network	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 11:43
S2	1634431	wo 02/19750	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 11:39
S3	0	wo02/19750	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 11:39
S4	0	02/19750	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 11:39
S6	36	"2002085516" "20020147008" "5659598".pn. "6014377".pn. "6181938".pn. "6363246".pn. "5751789".pn. "6424647".pn. "6438384".pn. "20020110112" "20030008682" "20030214940" "5260988".pn. "5722068".pn. "6154650".pn. "6445921".pn. "20020106028" "20040132485"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 12:34
S7	2	10/784743	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:50
S8	10007	(voice near over near ip voice\$2over\$2ip vo\$2ip voip)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:40
S9	2221	S8 same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 12:35
S10	324682	(cellular wirless)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:33
S11	148360	(wired wire\$2line)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:34
S12	56	S9 same (S10 and S11)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:40
S13	24066	(voice near over near ip voice\$2over\$2ip vo\$2ip voip packet near network)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:13
S14	67447	(pstn pots)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:41

## EAST Search History

S15	324682	(cellular wireless)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:42
S16	148360	(wired wire\$2line)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:42
S17	80	(S13 same S14) same (S15 and S16)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 13:42
S18	47985	(hand\$4over\$2 hand\$3 near over\$2 hand\$4off\$2 hand\$4 near off\$2)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:12
S19	16	S17 and S18	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:11
S20	6024	(455/417.ccls. 455/426.1.ccls. 455/426.2.ccls. 455/436-445.ccls. 455/462.ccls. 455/465.ccls.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 15:58
S21	24872	(voice near over near ip voice\$2over\$2ip vo\$2ip voip packet near network voice near over near internet)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:13
S22	3542	S21 same S14	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:14
S23	72	S22 same (S15 same S16)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:14
S24	7	S23 not S17	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:14
S25	387	S21 same S18	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:16
S26	4	S25 same (S15 and S16)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:16
S27	646732	(hand\$4over\$2 hand\$3 near over\$2 hand\$4off\$2 hand\$4 near off\$2 transition\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:33
S28	392494	(cellular wireless wan wide near area near network\$2)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:34
S29	2598261	(wired wire\$2line fixed lan wlan)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:34

## EAST Search History

S30	1204	S27 same S28 same S29	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:35
S31	73165	S28 same S29	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:35
S32	1204	S31 same S27	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:36
S33	30	S32 same "13"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:36
S34	24066	(voice near over near ip voice\$2over\$2ip vo\$2ip voip packet near network)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:36
S35	33	S32 same S34	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:36
S36	33	S32 same S34	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 14:36
S37	392494	(cellular wirless wan wide near area near network\$2)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 15:58
S38	2598261	(wired wire\$2line fixed lan wlan)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 15:58
S39	155045	"20" and (S37 and S38)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 15:59
S40	646732	(hand\$4over\$2 hand\$3 near over\$2 hand\$4off\$2 hand\$4 near off\$2 transition\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:33
S41	35466	S39 and S40	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 15:59
S42	1204	S37 same S38 same S40	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:00
S43	6024	(455/417.ccls. 455/426.1.ccls. 455/426.2.ccls. 455/436-445.ccls. 455/462.ccls. 455/465.ccls.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:00
S44	285	S43 and S42	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:00

## EAST Search History

S45	217	S44 and @ad<"20020521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:05
S46	24066	(voice near over near ip voice\$2over\$2ip vo\$2ip voip packet near network)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:05
S47	33	S37 same S38 same S40 same S46	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:06
S48	3	S47 and @ad<"20020521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/15 16:06
S49	646732	(hand\$4over\$2 hand\$3 near over\$2 hand\$4off\$2 hand\$4 near off\$2 transition\$4)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:13
S50	6101	S49 same ("37" and "38")	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:17
S51	5359	S49 same ("37" and "38") and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:13
S52	6024	(455/417.ccls. 455/426.1.ccls. 455/426.2.ccls. 455/436-445.ccls. 455/462.ccls. 455/465.ccls.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:13
S53	55	S52 and S51	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:13
S54	392494	(cellular wirless wan wide near area near network\$2)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:17
S55	2598261	(wired wire\$2line fixed lan wlan)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:17
S56	1825	S49 same (S54 and S55)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:18
S57	553	S52 and S56	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:18
S58	488	S57 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:18
S59	1204	S49 same (S54 same S55)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:18

## EAST Search History

S60	285	S52 and S59	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:18
S61	246	S60 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 13:19
S62	1	10/868290	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 14:04
S63	4	"6784855"	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 14:04
S64	2	"6784855".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/12/16 14:04
S65	36	"455".clas. and terminal near adaptor	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:06
S66	2	"20040266426"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:11
S67	4	"5901359".pn. "20040229634"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:11
S68	14	"455".clas. and handoff same cellular near2 protocol	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:34
S69	2	"5901359".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:48
S70	2	"20040229634"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:48
S71	2	"6411802".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/05/31 12:49
S72	7339	switch same gateway\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:08
S73	3602	("455".clas. "370".clas.) and switch same gateway\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:08
S74	382	("455".clas. "370".clas.) and switch same media near2 gateway\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:08

## EAST Search History

S75	112	("455".clas. "370".clas.) and switch same media near2 gateway\$1 and wireless same (wired wire\$1line)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:10
S76	2	"6941156".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:27
S77	2	"6987988".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:28
S78	2	10/784743	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:35
S79	5885	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls.)". and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:39
S80	5885	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls.)". and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:40
S81	5885	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls.)". and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line) and switch and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:40
S82	5885	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls.)". and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line) and switch and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:40

## EAST Search History

S83	137	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line) and switch and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 11:46
S84	150	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) and (cellular wire\$1less) and (cordless wired wire\$1line) and switch and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:45
S85	2	"20020106028"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:10
S86	3	"20040132485"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:10
S87	106	"5260988"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:11
S88	2	"5260988".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:12
S89	2	"5722068".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:12
S90	2	"6154650".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:14
S91	2	"6445921".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:16
S92	2	"20020110112"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:17
S93	2	"20030008682"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:17
S94	2	"20030214940"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:17

## EAST Search History

S95	2	"5751789".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:18
S96	2	"6424647".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:18
S97	2	"6438384".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:42
S98	2	10/784743	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:42
S99	49	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) same (cellular wire\$1less) same (cordless wired wire\$1line) and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 12:46
S10 0	98	("370".clas. 455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) same (cellular wire\$1less) same (cordless wired wire\$1line) and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 13:28
S10 1	4	("370".clas. 455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) near4 request\$3 same (cellular wire\$1less) same (cordless wired wire\$1line) and gateway\$1 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 13:29



## EAST Search History

S10 2	15	("370".clas. 455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls.) and (hand\$3over hand\$3off hand\$3 near over hand\$3 near off) near4 request\$3 same (cellular wire\$1less) same (cordless wired wire\$1line) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/01 13:29
S10 3	0	2005/0159153	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:19
S10 4	2	"20050159153"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:22
S10 5	2	"02054820"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:22
S10 6	1	02/054820	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:33
S10 7	3	seamless and roaming and bridgelall	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:56
S10 8	1	10/440770	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 17:56
S10 9	0	("2004/0235500").URPN.	USPAT	OR	OFF	2006/06/07 17:58
S11 0	3130	(wireless cellular) and (wire\$1line wired cordless) and (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1)	USPAT	OR	OFF	2006/06/07 17:59
S11 1	589	(wireless cellular) and (wire\$1line wired cordless) and (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and msc and switch	USPAT	OR	OFF	2006/06/07 17:59
S11 2	582	(wireless cellular) and (wire\$1line wired cordless) and (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and msc and switch and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 18:00
S11 3	519	(wireless cellular) same (wire\$1line wired cordless) and (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and msc and switch and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 18:00

## EAST Search History

S11 4	108	(wireless cellular) same (wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and msc and switch and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 18:00
S11 5	30	(wireless cellular) same (wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) same msc and switch and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 18:08
S11 6	6	(wireless cellular) same (wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) same (dual near mode multi\$1mode dual\$1mode) and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 19:24
S11 7	1	"5911120".pn.	USPAT	OR	OFF	2006/06/07 18:43
S11 8	0	"20050207395"	USPAT	OR	OFF	2006/06/07 18:43
S11 9	0	"200500207395"	USPAT	OR	OFF	2006/06/07 18:43
S12 0	0	2005/0207395	USPAT	OR	OFF	2006/06/07 18:45
S12 1	2	"20050207395"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 18:46
S12 2	6	(wireless cellular) same (land\$1line wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) same (dual near mode multi\$1mode dual\$1mode) and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 19:25
S12 3	467	(wireless cellular) same (land\$1line wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 19:25
S12 4	18	(wireless cellular) same (land\$1line wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) near3 request and @ad<"20030521"	USPAT	OR	OFF	2006/06/07 19:33

## EAST Search History

S12 5	44	(wireless cellular) same (land\$1line wire\$1line wired cordless) same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) same call near8 (during progress) and @ad<"20030521"	USPAT	OR	OFF	2006/08/22 17:32
S12 6	3	10/411159	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 20:25
S12 7	47	dany and sylvain	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/07 20:25
S12 8	140	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls. 455/553.1.ccls.) and (wireless cellular) same (wired cordless dect ct2) same (hand\$4over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/22 16:35
S12 9	23	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls. 455/553.1.ccls.) and (wireless cellular) and (wired cordless dect ct2) and (hand\$4over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and (break near before near make) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/22 16:39
S13 0	12	(455/422.1.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/444.ccls. 455/445.ccls. 455/552.1.ccls. 455/553.1.ccls.) and (wireless cellular) same (wired cordless dect ct2) and (hand\$4over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and (break near before near make) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/22 16:47
S13 1	6	(wireless cellular) same (cordless dect ct2) and (hand\$4over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and (break near before near make) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/22 16:48

## EAST Search History

S13 2	7	("4481382"   "4682351"   "4706274"   "4745632"   "4879740"   "4989230"   "5127042").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/22 16:58
S13 3	131	455/444.ccls. and (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and @ad<"20030521"	USPAT	OR	OFF	2006/08/22 17:39
S13 4	165	(cellular wireless) same cordless same (hand\$3over\$1 hand\$4off\$1 hand\$3 near over\$1 hand\$3 near off\$1) and @ad<"20030521"	USPAT	OR	OFF	2006/08/22 17:40
S13 5	54	GSM same DECT same (hand\$3 near over\$1 hand\$3 near off\$1 hand\$3over\$1 hand\$3off\$1) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/25 18:18
S13 6	94	(GSM cellular) same between same (DECT CT-2 cord\$1less) same (hand\$3 near over\$1 hand\$3 near off\$1 hand\$3over\$1 hand\$3off\$1) and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/25 18:19
S13 7	53695	(hand\$4over\$2 hand\$3 near over\$2 hand\$4off\$2 hand\$4 near off\$2 )	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:34
S13 8	88439	(wired wire\$1line cordless private dect) same (wireless cellular gsm)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:36
S13 9	126655	(wired wire\$1line cordless private dect) same (wireless cellular gsm public)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:38
S14 0	5833	S137 and S139 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:39
S14 1	997	S137 same S139 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:39
S14 2	601	"455".clas. and S137 same S139 and @ad<"20030521"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:40
S14 3	6150	455/422.1.ccls. 455/426.1.ccls. 455/426.2.ccls. 455/432.1.ccls. 455/436.ccls. 455/438.ccls. 455/439.ccls. 455/440.ccls. 455/442.ccls. 455/444.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/29 16:44
S14 4	268	S143 and S141	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 12:42

## EAST Search History

S14 5	0	2002/085516	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 12:42
S14 6	2	"2002085516"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 12:43
S14 7	2	"20020147008"	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 12:46
S14 8	2	"5260988".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 12:46
S14 9	2	"6882844".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 17:53
S15 0	2	"6424638".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 17:54
S15 1	2	"6243581".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/30 17:54
S15 2	26	"455".clas. and pstn adj protocol\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/08/31 12:10
S15 3	2	10/784743	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/09/01 11:27
S15 4	2	"6766170"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/27 14:39
S15 5	6736	impedance near5 component\$1 same circuit\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/27 14:40
S15 6	292	impedance near4 chang\$4 near5 component\$1 same circuit\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/27 14:40
S15 7	23	"455".clas. and impedance near4 chang\$4 near5 component\$1 same circuit\$1	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/01/27 14:40
S15 8	0	2002/085516	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/03 15:49
S15 9	2	"2002085516"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/03 15:50

## EAST Search History

S16 0	3	"2003085516"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/03 15:50
S16 1	1	"2002147008"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/03 17:25
S16 2	4	10/784743	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/03 17:25
S16 3	0	wmc near sw "wmc sw"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/06 14:12
S16 4	172	wmc	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/02/06 14:12
S16 5	2	"6633636".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/28 14:49
S16 6	2	"7043248".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/28 14:49
S16 7	2	"6633636".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 18:04
S16 8	2	"7043248".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 18:07
S16 9	2	"20040203606"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 20:24
S17 0	1	09/770491	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:06
S17 1	651	generic same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:07
S17 2	0	generic\$1c same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:07
S17 3	0	generic\$2c same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:07
S17 4	691	(hand\$2off hand\$2over) same (cellular wireless) same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:08

## EAST Search History

S17 5	485	"455".clas. and (hand\$2off hand\$2over) same (cellular wireless) same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:08
S17 6	108	455/436.ccls. and (hand\$2off hand\$2over) same (cellular wireless) same pstn	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/07/30 21:08